CLAIMS

What is claimed is:

1. A method of providing computer screen security for an authorized user comprising:

    dividing an image into an N X M array of screen segments on a computer screen; and

    changing the orientation of each of the screen segments so that the image can be read by

    viewing through an N X M array lens unit.

2. The method of claim 1 wherein the step of changing the orientation of each of the screen

    segments is performed by inversion.

3. The method of claim 1 wherein the step of changing the orientation of each of the screen

    segments is performed by rotation.

4. The method of claim 1 wherein the step of changing the orientation of each of the screen

    segments is performed by shrinking.

5. The method of claim 1 wherein the N x M array of screen segments is transmitted to a

    display glasses having a personal display computer.

6. The method of claim of claim 5 wherein a personal display computer program in a

    memory of the personal display computer determines whether a codeword has been received.

7. The method of claim 6 wherein responsive to a determination that a codeword has been

received, the personal display computer program accesses a set of values for N and M from a personal display computer memory.

8. The method of claim 7 wherein responsive to accessing a set of values for N and M from the personal display computer memory, a microprocessor in the personal display computer causes the orientation of each of the screen segments to be changed so that the image can be read by viewing at the display glasses.

9. A method of providing computer screen security for an authorized user comprising:

   dividing an image into an N X M array of screen segments on a computer screen;

   transmitting the images to a display glasses;

   changing the orientation of each of the screen segments in the display glasses so that the image can be read at the display glasses.

10. The method of claim of claim 9 further comprising determining whether a codeword has been received by a personal display computer program in the display glasses; and

   responsive to a determination that the codeword has been received, accessing a set of values for N and M from a personal display computer memory.

11. The method of claim 10 wherein responsive to accessing a set of values for N and M from the personal display computer memory, a microprocessor in the personal display computer causes the orientation of each of the screen segments to be changed so that the image can be read by viewing at the display glasses.

12. An apparatus for providing computer screen security comprising:

a programmable processor;

a storage medium;

a program residing in the storage medium;

wherein the program causes the processor to:

divide an image into an N X M array of screen segments on a computer screen; and

change the orientation of each of the screen segments so that the image can be read by

viewing through an N X M array lens units.

13. An apparatus for providing computer screen security comprising:

a programmable processor in a computer;

a storage medium;

a scrambling program program residing in the storage medium;

wherein the program causes the processor to:

divide an image into an N X M array of screen segments on a computer screen;

transmit the images to a display glasses;

change the orientation of each of the screen segments in the display glasses so that the

image can be read at the display glasses.

14. The apparatus of claim 13 further comprising a personal display computer in the display

glasses.

15. The apparatus of claim 14 wherein the personal display computer further comprises a

personal display computer program.

16. The apparatus of claim 14 wherein the personal display computer further comprises a personal display computer memory.

17. The apparatus of claim 14 wherein the personal display computer further comprises a personal display computer microprocessor.

18. The apparatus of claim 14 wherein the personal display computer further comprises a personal display computer transmitter/receiver.

19. The apparatus of claim 18 wherein the personal display computer transmitter/receiver uses a bluetooth technology.

20. The apparatus of claim 18 wherein the personal display computer transmitter/receiver uses a conventional wireless technology.

21. The apparatus of claim 13 wherein the display glasses further comprise a personal display screen and a personal display computer.

22. The apparatus of claim 13 wherein the display glasses further comprise a frame.

23. The apparatus of claim 16 wherein the personal display computer memory further

comprises a plurality of code words corresponding to a plurality of values for N and M.

24. The apparatus of claim 13 wherein the scrambling is performed by inversion.

25. The apparatus of claim 13 wherein the scrambling is performed by rotation.

26. The apparatus of claim 13 wherein the scrambling is performed by shrinking.